

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-64 (Canceled)

Claim 65 (Currently Amended): An information storage medium configured to store a data structure arranged to include an MPEG-encoded transport stream by a recording/reproducing apparatus, said data structure comprising:

an object [[a]] data area configured to store stream data, the stream data including a plurality of data units each containing a plurality of transport packets including [[an]] I-picture information of the ~~MPEG data and~~ MPEG-encoded transport stream, each serving as a unit of access, an each corresponding to a group-of-picture of the MPEG-encoded transport stream; and

a management area, different from the object area, configured to store management information, the management information including table information indicating a relationship between presentation timestamp information and a corresponding access point in the stream data, wherein

said table information of the management information comprises prescribed information of the I-picture information stored in the object data area, said prescribed information being configured to indicate a positional range of the I-picture information in the object data area, and

the recording/reproducing device employs the management information to access stream data in accordance with the format of the medium.

Claim 66 (Currently Amended): A method of recording information on an information storage medium configured to store a data structure arranged to include an

MPEG-encoded transport stream by a recording/reproducing apparatus, said data structure  
including,

an object ~~[[a]]~~ data area configured to store stream data, the stream data including a plurality of data units each containing a plurality of transport packets including ~~[[an]]~~ I-picture information of the MPEG data and MPEG-encoded transport stream, each serving as a unit of access, and each corresponding to a group-of-picture of the MPEG-encoded transport stream, and

a management area, different from the object data area, configured to store management information, the management information including table information indicating a relationship between presentation timestamp information and a corresponding access point in the stream data, wherein

said table information of the management information comprises prescribed information of the I-picture information stored in the object data area, said prescribed information being configured to indicate a positional range of the I-picture information in the object data area,

the method comprising:

recording the steam data into the data area; and

recording the management information into the management area.

Claim 67 (Currently Amended): A method of reproducing information from an information storage medium configured to store a data structure arranged to include an MPEG-encoded transport stream by a recording/reproducing apparatus, said data structure including,

an object ~~[[a]]~~ data area storing stream data, the stream data including a plurality of data units each containing a plurality of transport packets including ~~[[an]]~~ I-picture

information of the MPEG-data and MPEG-encoded transport stream, each serving as a unit of access, and each corresponding to a group-of-picture of the MPEG-encoded transport stream, and

a management area, different from the object area, storing management information, the management information including table information indicating a relationship between presentation timestamp information and a corresponding access point in the stream data, wherein

said table information of the management information comprises prescribed information of the I-picture information stored in the object data area, said prescribed information being configured to indicate a positional range of the I-picture information in the object data area,

the method comprising:

reproducing the management information from the management area; and

reproducing the steam data from the data area.

Claim 68 (Currently Amended): An apparatus for reproducing information from an information storage medium configured to store a data structure arranged to include an MPEG-encoded transport stream by a recording/reproducing apparatus, said data structure including,

an object [[a]] data area storing stream data, the stream data including a plurality of data units each containing a plurality of transport packets including [[an]] I-picture information of the MPEG-data and MPEG-encoded transport stream, each serving as a unit of access, and each corresponding to a group-of-picture of the MPEG-encoded transport stream, and

a management area, different from the object area, storing management information, the management information including table information indicating a relationship between presentation timestamp information and a corresponding access point in the stream data, wherein

said table information of the management information comprises prescribed information of the I-picture information stored in the object data area, said prescribed information being configured to indicate a positional range of the I-picture information in the object data area,

the apparatus comprising:

a first reproducer configured to reproduce the management information from the management area; and

a second reproducer configured to reproduce the stream data from the data area.